

FIGURE 1

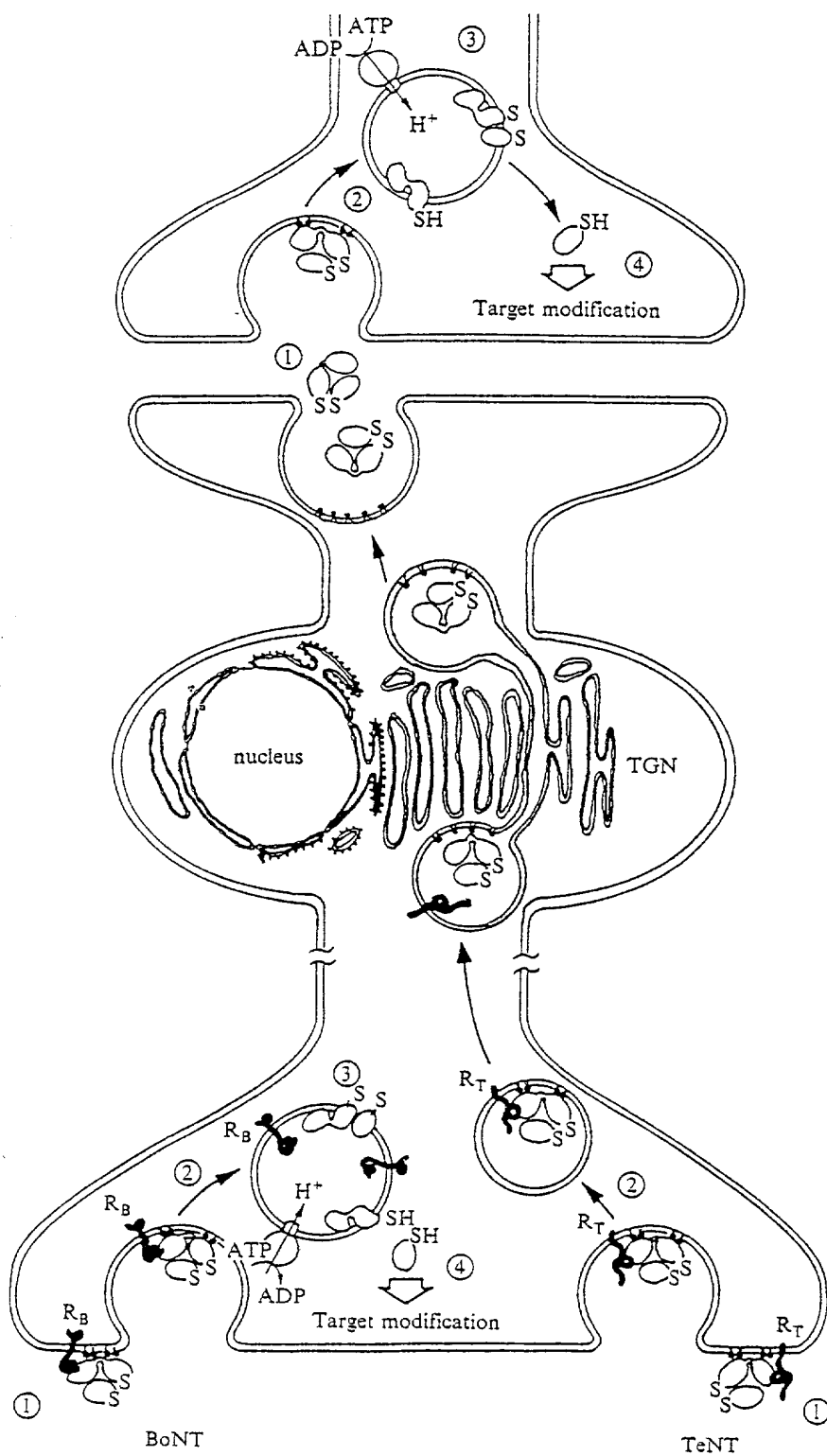


FIGURE 2

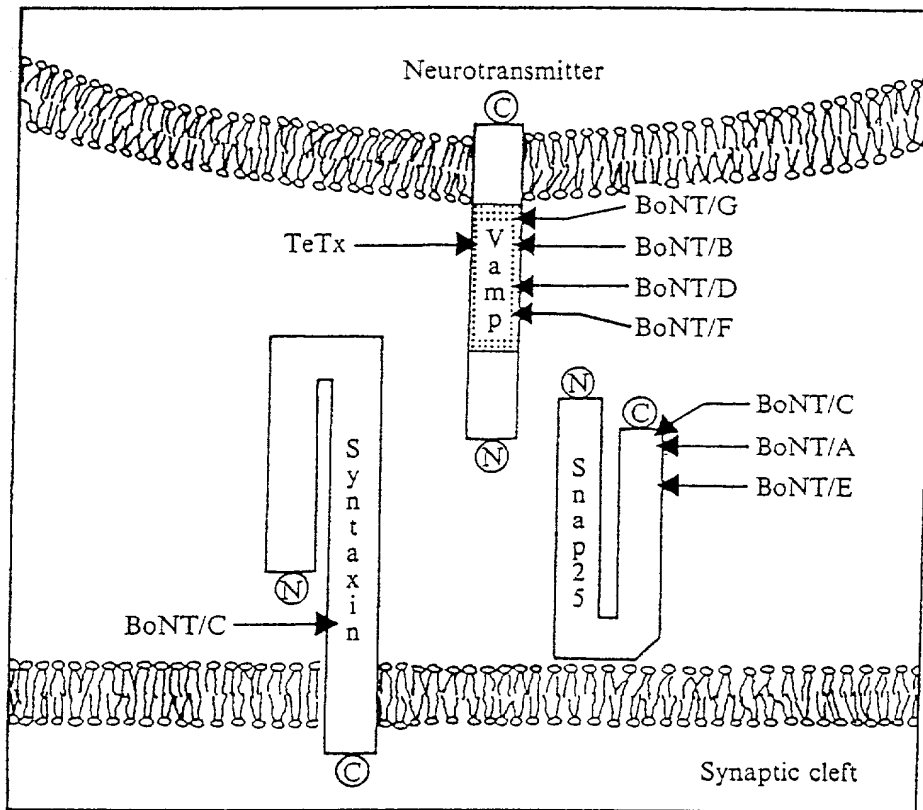
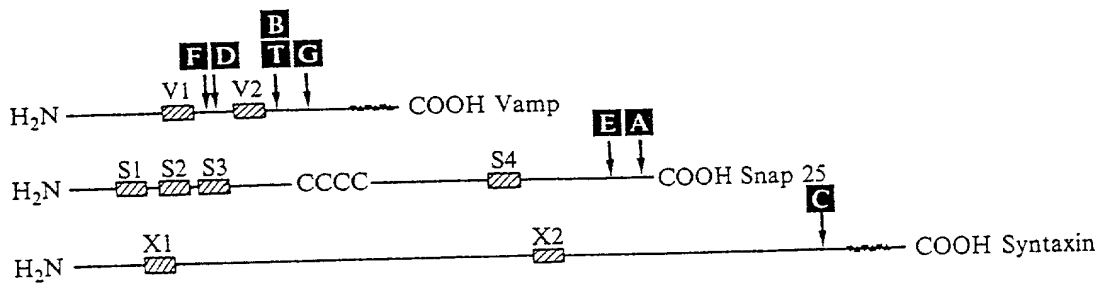
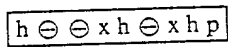


FIGURE 3

A.



B.



C.

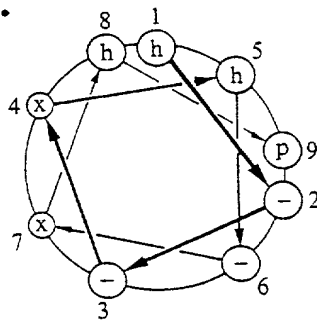


FIGURE 4

Inventors: Steward et al.
Attorney Docket: P-AR 4803

75

1 (1) -MKDRIOLEIRTAQ -DSDDDDDDVAVTD -RDRFMDFFEQVEEIRGFIDKLAENVEEVKRSKHSAILASPNPDEKTK
Syntaxin 1A human
(1) -MKDRIOLEIRSAK -DSDDDEEV -VHVD -RDHMDFFEQVEEIRGCTEKLSEDEQVKQCHSAILAAPNPDEKTK
Syntaxin 1B2 human
(1) -MKDRIOLEIRTAQ -DSDDDDDDVAVTD -RDRFMDFFEQVEEIRGFIDKLAENVEEVKRSKHSAILASPNPDEKTK
Syntaxin 1A mouse
(1) MTKDRLALHAAQSDDEETEAVANVGHDSYMDDEFAQVEEIRGMIDKVDQNVVEVKKHSAILSAPQTDDEKTK
Syntaxin 1a drosophila
(1) MTKDRLSALKAAQSEDEQDDMHMDTC -NAQYMEFFEQVEEIRGSVDILANNVEVKKHSAILSNPVDQKTK
Syntaxin A C. elegans
(1) -MRDRLGSKRNE -EDDVGPVAVNVVE -SEKMEFFEQVEEIRGNNDKISKNDVDEKKSAILSAPQADEKTK
Syntaxin Sea urchin

150

76 (73) DELEELMSDITKANKVRKLSKLSIEQSEOESEGLNRSSADIRIRKTOHSTLSRKFVEVMSEYNATQSDYRERCKG
Syntaxin 1A human
(72) QELEDLTADIKKANKVRKLSKLSIEQSEOESEGLNRSSADIRIRKTOHSTLSRKFVEVMSEYNATQSKYDRCKD
Syntaxin 1B2 human
(73) DELEELMSDITKANKVRKLSKLSIEQSEOESEGLNRSSADIRIRKTOHSTLSRKFVEVMSEYNATQSDYRERCKG
Syntaxin 1A mouse
(76) QELEDLTADIKKANKVRKLSKLSIEQSEOESEGLNRSSADIRIRKTOHSTLSRKFVEVMSEYNATQSDYRERCKG
Syntaxin 1a drosophila
(75) DELEELMAVIRKANKVRKLSKLSIENADHDDEQG -AGNADIRIRKTOHSTLSRKFVEVMSEYNATQSDYRERCKG
Syntaxin A C. elegans
(73) DELEELMSDITKANKVRKLSKLSIEQSEOESEGLNRSSADIRIRKTOHSTLSRKFVEVMSEYNATQSDYRERCKG
Syntaxin Sea urchin

225

151 (148) RIQROLEITGRITTSSELEDMESEGNPAFASGIMDSSISKOALSETETRHSEIKLENSIRELHDMFMDMAML
Syntaxin 1A human
(147) RIQROLEITGRITTSSELEDMESEGLAIFDDIKWDSQMTKOALNETETRHSEIKLENSIRELHDMFMDMAML
Syntaxin 1B2 human
(148) RIQROLEITGRITTSSELEDMESEGNPAFASGIMDSSISKOALSETETRHSEIKLENSIRELHDMFMDMAML
Syntaxin 1A mouse
(151) RIQROLEITGRITTSSELEDMESEGNSSVFQGLIMETQOAKQTLADTEARHQDIMEKLENSIRELHDMFMDMAML
Syntaxin 1a drosophila
(149) RIQROLDIAKQVGDDEDEEMIESGNPGVFQGLITDTQOAKQTLADTEARHNDIMEKLESSIRELHDMFMDMAML
Syntaxin A C. elegans
(148) RIQROLEITGKSTIDAELEDMESEGNPAFETSGLIMDTQOAKQTLADTEARHNDIMEKLESSIRELHDMFMDMAML
Syntaxin Sea urchin

293

226 (223) VESQGEMIDRIEYNNVEHVDYVERAVSDTKKAYQSKARRKKIMILICCVILGIVIASTVGGIHA--
Syntaxin 1A human
(222) VESQGEMIDRIEYNNVEHVDYVERAVSDTKKAYQSKARRKKIMILICCVILGIVIASTVGGIHLGL-
Syntaxin 1B2 human
(223) VESQGEMIDRIEYNNVEHVDYVERAVSDTKKAYQSKARRKKIMILICCVILGIIIIASTIGGIFG--
Syntaxin 1A mouse
(226) VESQGEMIDRIEYNNVEHVDYVOTATQDTKKALYQSKARRKKIMILICCVILGIIIIASTVSSYMM--
Syntaxin 1a drosophila
(224) VESQGEMIDRIEYNNVEHAKFVDRVADTKKAVQYQSKARRKKICILVTGVIITGLIIIFLIFYAKVL
Syntaxin A C. elegans
(223) VESQGEMIDRIEYNNVEQSVYVETAKMDTKKAVYQSKARRKKFYTATCCGVALGIIIVLVLIIVLA--
Syntaxin Sea urchin

FIGURE 7